G. R. S. IX-5

Previous references.

File No. 56-18

1928.

Serial Nos. 130-32

Medl)

Later references.

Part IV D 4

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. None only

Part B for October 1918.

SUBJECT.

Anti-influenza operations

To The Prests. Rul. Councils, Bangalore & Mysore,
The Asst. Surgeon & the Secy. Comm.
No. C 4 dt 15.10.18.

Forwards for necessary action & responsibility Sheet in connection with the measures to be adopted for combating the influenza epidemic.

To The Asst. Surgeon; the Secy. Comm.; the Dy. Comm.
The Prests. of Bangalore & Mysore. & Distts.

WD 2233—GPB—20,000—14-6-20

No. G. 124-35 dt 16.10.18.

Publishes for general information a communication rec'd. from the Pres. Rul. Council, Bangalore.

G. R. S. III—1] 1918.

GENERAL AND REVENUE SECRETARIAT.

(Med)

NOTES.

File No. 56-18.

FILE HEADING.

Anti-influenza operations

From

No.	Dated	Received

Diary No.	Enclos.	Spare Copies.	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

NOTES—First Sheet.

GOVERNMENT OF MYSORE

Statement of Responsibility Sheet
MM
14/10.

Camp Mysore

14. 10. 18.

My dear Sir Hiriyanniah,

I send herewith a note on the Influenza epidemic approved by Mr. D'Souza for favour of perusal by the Darbar together with a responsibility sheet drawn up in this connection. If the latter is approved it will be issued to the officers concerned.

2) The chapter on Influenza was recently printed this month and has been sent

Influenza Epidemic and measures -- adopted to check its ravages.

----oOo------

This desease was first heard of in - the month of May as having made its -- appearance in Bombay and Calcutta, and -- being of a highly infectious nature, spread with lightning rapidity all over the ---- peninsula in a very short time. The first wave was a comparatively mild one and ---- spent itself by about the end of July.

About the middle of September a second wave of a more severe type overtook us and for the past fortnight has been causing a great deal of havoc and distressing reports are coming in from all quarters. The disease unfortunately has been claiming --- victims daily and the mortality in the --- cities of Mysore and Bangalore has been --- high during these 2 or 3 weeks. The Hospitals and the Dispensaries in the two cities and if the reports are true also elsewhere are so crowded that it is quite evident - that usual medical facilities are quite -- inadequate. This has been early recognised by Government and greater and speedier action in this direction would have been ---- possible if the requisite number of trained medical men were available for temporary -- duty in this connection. However, to minimise the evils of this unfortunately severe epidemics the following action has already been taken.

In the G.O. of 9th October 1918 the -- opening of 6 additional Dispensaries has been

been sanctioned for the Bangalore City and similar measires for the Mysore -- City were also suggested. In the order of 11th October 1918 more complete remedial measures have been adopted and - funds to the extent of Rs.2500/- per -- mensem for each of the two cities have been placed at the disposal of the Presidents concerned to give relief to -- the sick and the poor. The most important among these are,

(i) Supply of medicines on a large scale,

(ii) Organisation of relief parties and providing convenience to - them for moving about

(iii) Tents for housing the sick and

(iv) Supply of milk to the poor.

(v) Entertainment of special medical staff & utilising medical stores

Instructions have also been conveyed - to the Deputy Commissioners to take action in their respective districts on the above lines and at the disposal of each Deputy Commissioner, a sum of Rs. - 3000/- has been placed for medical relief. This information will be placed at the disposal of the Government

A responsibility sheet prepared in this connection is herewith submitted.

Recd 14.10.18

{ Responsibility Sheet Appd by Govt

14/10/18

13/10/18

Statement showing the responsibility of officers with regard to measures to be adopted for combating the Epidemic of influenza in the cities of Bangalore and Mysore.

S.No.	Measures to be taken.	Officers responsible.	Time given.
1.	Opening up of temporary dispensaries.	Senior Surgeon, and Presidents of City Municipal Councils, Bangalore and Mysore.	1 Week.
2.	Appointment of the - Medical and ~~the~~ - other staffs.	Senior Surgeon, and Presidents of City Municipal Councils of Bangalore and - Mysore.	1 Week.
3.	Supply of Medicines.	Senior Surgeon.	1 Week.
4.	Provision of tents or sheds.	Presidents of City Municipal Councils, Bangalore and Mysore.	1 Week.
5.	Providing conveyance, etc., to voluntary workers.	- Do -	- Do -
6.	Reporting action taken.	Senior Surgeon and Presidents of City Municipal Councils -of Bangalore and Mysore.	10 days and --- thereafter every week ending -- Saturday until -- the subsidence - of the Epidemic.
7.	Educating the public - with regard to the - preventive and remedial measures by issuing -- pamphlets, etc.,	Sanitary Commissioner.	

Chief Secretary to Government.

TLK.

7

W. D. 2725—GPB—2,000—5-5-15

REPLY

(To be written on this margin.)

Office of the Dewan of Mysore.

NOTE.

Dated.....15th October.....*191* 8.

3) The accompanying copy of telephone message from Mr. K.P.Puttanna Chetty, regarding the condition of Bangalore, is forwarded to the Chief Secretary for information. A copy may kindly be sent to the President, Mysore City Municipality.

15.10.18

The Chief Secretary.

1617

Telephone message from Mr.K.P.Puttanna Chetty.
to the Dewan Dated 30th Oct 1918

****

Glad to say that relief parties with medicine and nourishment are working satisfactorily in all parts of the city and Extensions. Thymol was much appreciated and there is great demand for it. Conjee is freely availed of. Money doles are made to families with sick children. Volunteers are freely forthcoming for distribution. This is the system that I would recommend for the Mysore City also. Dr. Srinivasa Rao is going round this morning and studying everything. He seems to think the system the best. We shall help him to standardise it for general use. Mr.R.Subba Rao is explaining things to him. The Health Officer is still ill. People are down with influenza in large numbers and we are workingnshorthanded. The only way in which Government can help is by getting more medical men which is not possible. All retired and private medical men are fully occupied. Roads are watered to keep down dust. Public amusements have been stopped. There is a great deal of sickness in the city but there is no panic. Medical and Municipal establishments are working with a will. [Sorry to report that Mr.M.G.Vardachar died last night.] Special arrangements are made at Magadi Camp to receive voluntary cases of influenza. [Dr. Srinivasa Rao will report to you in person how things are going on in Bangalore.]

"Copy"

114

G.R.S. III-2.

Arrs - influenza measures in Bangalore city

'9

ROUTINE NOTES.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Two charts submitted for approval as noted this morning

MK
15/10/18

8(131)

To
The Presdt. Md. Council, Bangalore & Kgpr.
The Dr. Surgeon.
The Sy. Comrs.

C.No. 4 of 15.10.18.

(chiefs)

Forwards for necessary action a responsible statement in connection with the measures to be adopted for combating the influenza epidemic in the Cities of Bangalore & Kolar.

Mem at area

16/10

8(132) N.O.G. 17[illegible] of 16.10.18.

To The Dr. Surgeon, The Sy. Comrs
The Dy. Comrs of Kgpr
The Presdts of Bangalore & Kolar

Publishes for general information & guidance of the officers concerned a communication recd. from the Presdt. Md. Council, Bangalore City re the anti-influenza operations adopted in the municipality

N. B.—Should routine notes be written on small slips, the notes must be copied or slips pasted on this form.

GRSM.592

No: 107

Ex. -

OFFICE OF THE CITY MUNICIPAL COUNCIL,
Bangalore, Dated 13th October 1918.

Jud 58-18-130

From

Dewan Bahadur Raja Sabha Bhushana
K.P. Puttanna Chetty, Esquire, C.I.E.,
Honorary President, City Municipal Council,
B a n g a l o r e.

To

C.S. Balasundaram Iyer, Esquire., B.A.,
Chief Secretary to Government of His Highness
The Maharaja Of Mysore,
B a n g a l o r e.
(Camp, Mysore).

S i r,

With reference to para 5 of my letter No. 98, dated 7th October 1918, intimating that I was endeavouring to enlist voluntary effort in promoting relief measures in the present severe Epidemic of Influenza in the city, I have the honor to state as follows:--

2. Large numbers of leaflets on Influenza drafted by the Chief Officer have been distributed in all parts of the city. Twenty ~~Seventy~~ copies are herewith sent for your information.

3. In consultation with a few philanthropic gentlemen ~~was~~ a public meeting was covened in the City Municipal Office, on the 10th instant to devise measures for the free distribution of nourishment and medicine to the sick in the several divisions of the city. The Chief Officer, Mr. R. Subba Rao, explained to the meeting the current state of public Health and the extreme importance of supplying nourishment and medicine to households where there were none to tend the sick. He submitted a scheme whereby organized parties of volunteers could take up the work. A copy of the scheme is enclosed for information.

4. The scheme was unanimously approved. A copy of the proceddings of the meeting is herewith forwarded. Mr. B. Chinnaswami Setti, Municipal Councillor, offered to form relief parties for the whole of the 2nd(Balepet) Division with a population of about 20,000 and to find the funds necessary to carry out the measures in the said division, paying in advance a sum of Rs.500/- to facilitate inaugurating the work immediately. Messrs B.V. Ramaswami Chetty and B. Usman Khan offered to supervise the distribution in the 5th (Nagarthpet) Division, getting nourishment prepared at their own cost in some central situation of the locality.

5. The following relief parties have been organized Viz.,

(i) Retired Risaldar Mr. Gulam Dastagir assisted by Mr. Mohammad Abhad Khan, for the old Sawar Lines and the Sweepers' Lines.

(ii) Mr. B. Chinnaswami Setti assisted by Mr. B.R. Veeranagappa, for the 2nd(Balepet) Division.

(iii) Mr. B.K. Garuda Char assisted by Messrs K.S. Krishna Iyer, P.M. Basappa, and M. Ramachandra Rao Sindhe, for the 3rd(Manavarthpet)Division, with its population of about 25,000.

(iv) Reverends D.A. Rees, G. Wilkins and E.S. Edwards assisted by the boy scouts, for the 4th(Cubbonpet) Division.

(v) Messrs B.V. Ramaswami Chetty and B. Usman Khan for the 5th (Nagarthpet) Division.

(vi) Mr. R. Gopalaswami Iyer assisted by the members of the Social Service League for Koracharpalya, Khalasipalya, Gangamcherry and Ammachowdripalya, in the 6th(Lal-Bagh) Division.

(vii) Father P.M. Briand assisted by members of his parish, for the Pensioners' Lines, Sweepers' Lines and Goripalya near Mysore Road, in the 7th Division.

A map of the Bangalore City shewing the areas taken up by each party is herewith attached. Printed notices explaining the arrangements made and how assistance should be sought have been widely distributed in the city. 6 copies are herein ~~forwarded~~ enclosed.

6. Necessary arrangements have been made for the supply of milk. On receipt of indents from relief parties the previous afternoon, ~~xxx~~ Conji will be prepared in the Government Anna Chattram under the supervision of responsible Municipal

~~Subordinates~~ Subordinates and

subordinates and will be ready for issue to the relief parties by about 8.30 A.M. Relief parties make their own arrangements to get necessary supplies from the central issuing station. The quantity decided to be issued per head for the present is one pint for adults and half pint for children.

7. The Chief Officer has been strongly advised to use Thymol as a routine measure in all cases of Influenza by the Sanitary Commissioner, who, as Government may be aware, is a physician of no small repute. This is the active priniciple of Ajwan and being a well known household remedy, will not lend itself to possible misunderstanding or misrepresentation. It was at first proposed to be issued in pill form, but owing to the impossibility of getting any chemist to take up the order for the several thousand pills for which there is an immediate demand, it has been decided to issue it in solution. A large quantity of grain to 10 minims solution in rectified spirit is prepared, bottled in half ounce bottles and labelled. The dose for an adult is 5 minims thrice a day. Instructions are clearly printed on the label. The relief parties either issue entire bottles or small quantities according to the number of patients in each household. Six bottles of the medicine are forwarded to your address under separate postal parcel.

8. Relief measures commenced yesterday with the issue of conji to a large number of sick persons in the sweepers' Lines and Goripalya near the Mysore Road, under the supervision of the Sanitary Inspector of the Division. All Relief parties were to start work this morning. During the inspection I found that the 1st party had not yet made arrangements to commence the work; but the Municipal authorities distributed nourishment in the sweepers' Lines near the platform Road. The 2nd, 3rd and 4th parties were at work. The 5th party did not work. The 6th party worked till a late hour. The 7th party had not started work, but the Municipal authorities issued nourishment to 80 persons in the sweepers' Lines and Goripalya near the City Brick

and Tile Works. I hope to be able to report the smooth and automatic working of all relief parties within the next 2 or 3 days.

I have the honor to be,

Sir,

Your most obedient servant,

H. Mattieu Williams

Honorary President.

Proceedings of a Meeting held in the Council Chamber, City Municipal Office, on Friday the 10th October 1918 at 3 P.M.

P r e s e n t.

1. Reverend D.A. Rees.
2. Father P.M. Briand.
3. Mr. Mohammad Abbas Khan.
4. " B. Usman Khan.
5. " B.R. Veeranagappa.
6. " B.V. Ramaswamy Chetty.
7. " B.K. Garuda Char.
8. " D.V. Gundappa.
9. " K.S. Krishna Iyer.
10. " R. Gopalaswamy Iyer.
11. " C.V. Narasimha Iyengar.
12. Reverend G. Wilkins.
13. " E.S. Edwards.
14. Mr. M. Ramachandra Rao Sindhe.
15. " B. Chinnaswamy Setty.
16. " P.M. Basappa.
17. " R. Subba Rao.

Mr. R. Subba Rao informed the meeting of the extent to which influenza was prevailing in the several divisions and how there were something like 10,000 to 15,000 cases stricken with the illness in the City. The alarming increase of pneumonia cases and the steady rise in the daily mortality were also briefly alluded to. The communication adressed by the Honorary President to the Chief Secretary to Government, the Senior Surgeon to Government, and the Sanitary Commissioner were read as also the replies received thereto.

Mr. Subba Rao next proceeded to detail a scheme whereby an organized attempt could be made to supply nourishment and medicine free to the sick at their own homes, wherever the large number of persons ill in the same household precluded sufficient attention being paid to these matters. The outlines of the scheme are as follows:---

15

(1). Subdividing the several divisions of the city into blocks, the size of each block depending on the number of volunteers forthcoming to take up the work.

(2) Organization of relief parties to take charge of one or more blocks.

(3) The minimum number of persons necessary to form a relief party.

(4) How relief parties were to obtain information of illness in their blocks.

(5) The duties of relief parties.

(6) Nourishment how and where to be prepared and issued to relief parties.

(7) How relief parties were to obtain supplies from the central issuing station.

(8) Quantity of nourishment to be issued per head.

(9) The issue of medicine.

(10) The compilation of statistics.

(For details see enclosed Note drawn up by Mr. Subba Rao).

Resolved. The scheme is approved in its entirety. The Municipal Council may be requested to sanction sufficient funds for the working of the scheme. The details of the scheme were further discussed and the following relief parties organized:--

(1) 1st or Palace Division(old sawar Lines and Sweepers' Lines Retired Risaldar Mr. Gulam Dastagir assisted by Mr. Mohammad Abbas Khan.

(2) 2nd or Balepet Division. Mr. B. Chinnaswamy Setty assisted by Mr. B.R. Veeranagappa.

(Note:- Mr. Chinnaswamy Setty announced in the meeting his intention to defray the entire cost of sucessfully working the scheme in the 2nd Division — paying Rs. 500/- in advance to start relief measures at once.

(3) 3rd or Manavarthpet Division.

Mr. B.K. Garuda Char assisted by Messrs K. S. Krishna Iyer, P.M. Basappa and Ramachandra Rao Sindhe.

(4) 4th or Cubbonpett Division.

Reverend D.A.. Rees assisted by Reverend G. Wilkins, Reverend E.S. Edwards and the boy scouts of the mission High Schools.

(5) 5th or Nagarthpett Division.

Messrs B. Usman Khan and B.V. Ramaswamy Chetty offered to bear the cost of and suprevise all relief measures in the 5th Division.

(6) 6th or Lal-Bagh Division.

Mr. R. Gopalaswami Iyer assisted by the members of the social service league offered to take up Koracharpalya, Khalasipalya, Gangamchery and Ammachowdipalya.

(7) 7th or Chamarajpet Division.

Father P.M. Briand assisted by the members of his parish offered to take up all the area to the west of Sultan Road, including Goripalya and the Sweepers' Lines.

~~The~~ relief ~~parties were~~ work was to start on the 11th morning with the issue of 20 seers of conji at the sweepers' Lines. All relief parties were to start work on the 12th morning with a supply of 20 seers of conji each and 100 packets of medicine (Thymol pills).

The Meeting dispersed at 5 P.M.,Mr. R. Subba Rao thanking the gentlemen present for so kindly responding to the invitation.

Signed. R. Subba Rao.

Chief Officer.

'Copy'

Chief Officer

City Municipal Office.

Bangalore, Dated 11th Octr 1918.

S C H E M E I N D E T A I L.

Blocks

The several Divisions of the City will be divided into blocks, the size of each block depending upon the number of volunteers available for work in the locality. Each block will be in charge of one relief party, the minimum number of members of each party being one Superintendent, one assistant and one menial to carry nourishment. In large blocks a bullock gharry may be employed to transport conji.

Relief parties

2. The relief parties will work on information furnished by Municipal Councillors, Sanitary Inspectors, Conservancy Overseers, Medical practitioners, Sub-Registrars of births and deaths, other Residents of the locality and after a couple of days working, personal knowledge of the condition in the several households of the block.

Information

3. The relief party will patrol the block in its charge and distribute medicine and nourishment free to all deserving cases that come to its notice. It may also be possible to issue warm clothing to the sick to a limited extent. The relief party will endeavour to secure the removal of pneumonia cases to the new block of buildings near the infectious diseases Hospital, where the Senior Surgeon is making special arrangements for their treatment. Usually the relief party will start work in some central situation in the block (to be fixed after inspection) whereto shall come all persons who want nourishment or medicine to their relatives. It is only in the instance of most or all persons in a household being ill that house-to-house distribution need be resorted to. The Sanitary Inspector, Conservancy Overseer, Sub-Register or some other official of the Public Health Department shall assist the relief parties as far as possible, during the distribution. Indiscriminate issue of expensive food should be avoided and the relief party should by enquiry make sure that their ~~charities~~ Charity is not wasted.

Duties of relief parties.

4. Conji will be prepared in the Government anna Chattram by a special staff under the suprevision of Hari Rao and Vasudeva Rao alternately. Sooji will be fried and boiled in water; an equall quantity of milk will be added; Sugar to taste and appropriate quantities of powdered cardamoms and saffron will be put in. Conji will be ready for issue to the relief parties by 9 A.M.

Conji wheat + how cooked

5. Relief parties will send men or carts with utensils to the issuing station and as far as possible quantities of Conji as per indent of the previous day will be issued. In the absence of utensils, pots of appropriate size may be used. Sufficient number of pots will be stored at and new ones issued from the Chattram every day. The relief parties will start distributing conji in their blocks at not later than 9.30 A.M. It is not likely that the distribution will take longer than one hour. After the mornings' work is complete each superintendent will send an indent to the parpathegar of the Chattram with regard to his requirements for the next day. Such indent should not be sent later than 11 A.M. to ensure the necessary supply of milk being forthcoming. The quantity to be issued will for the present be fixed at 1 pint or 20 ounces per adult and half the quantity for children. An endeavour will be made for the issue of milk to very young children: but this can only be done to a very limited extent.

Conji to be indented for the previous day.

Quantity per head

6. Paper packets each containing one day's supply of medicine will be supplied to superintendents of relief parties. The packet will also contain a leaflet containing simple directions to minimise the havoc of influenza.

Medicine

7. Note books will be issued to the relief parties wherein the name of each patient, age, and quantity of nourishment and medicine issued day by day should be entered.

Statistics to be kept

Signed. R. Subba Rao.
Chief Officer.

9

'Copy'
R Mhaskar
Chief Officer

C. S. VI—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to.....

GENERAL AND REVENUE SECRETARIAT,
( )
the *191* .

Date of issue 15-10-18

Signed by W. B. Ramaiyar

Section Genl
File No. 56-18
Serial No. 131

Confl Cl No. C.4. & 15/10/18.

To

The Residents, Nil. Commrs, Bangalore & Mysore, Sr. Superintendent

Sir,

I am directed to forward herewith for favour of necessary action & responsibility sheet in connection with the measures to be adopted for combating the influenza epidemic in the cities of Mysore & Bangalore.

I have &c

WM
14/.
for Chief Secy

over.

Vide page of notes

Received 18/10

No G.124-35 Dy 16.10.18/20

Official Memorandum.

The accompanying communication together with its enclosures received from the President, Municipal Council Bangalore City regarding the anti-influenza operations adopted in the Municipality is published for general information, and the issues of the Orders concerned thereon are circulated to the Deputy Commissioners of Districts and Presidents of Municipal Councils for needful action.

" By Order "

16/10

Chief Secretary to Govt.

Letter No. 107, dated 13th October 1918, from the President, Municipal Council, Bangalore City.

With reference to my endeavours to enlist voluntary effort in promoting relief measures in the present severe epidemic of Influenza in the City, I have the honor to state as follows:—

2. Large numbers of leaflets on Influenza drafted by the Chief Officer have been distributed in all parts of the city. Twenty copies are herewith sent for your information.

3. In consultation with a few philanthropic gentlemen, a public meeting was convened in the City Municipal Office, on the 10th instant to devise measures for the free distribution of nourishment and medicine to the sick in the several divisions of the City. The Chief Officer, Mr. R. Subba Rao, explained to the meeting the current state of public health and the extreme importance of supplying nourishment and medicine to households where there were none to tend the sick. He submitted a scheme, whereby organized parties of volunteers could take up the work. A copy of the scheme is enclosed for information.

4. The scheme was unanimously approved. A copy of the proceedings of the meeting is herewith forwarded. Mr. B. Chinnaswami Setti, Municipal Councillor, offered to form relief parties for the whole of the Second (Balepet) Division with a population of about 20,000 and to find the funds necessary to carry out the measures in the said division, paying in advance a sum of Rs. 500 to facilitate inaugurating the work immediately. Messrs. B. V. Ramaswami Chetty and B. Usman Khan offered to supervise the distribution in the Fifth (Nagarthpet) Division, getting nourishment prepared at their own cost in some central situation of the locality.

5. The following relief parties have been organized, *viz.* —

(i) Retired Risaldar Mr. Gulam Dastagir assisted by Mr. Mohammad Abbas Khan, for the old Sawar Lines and the Sweepers' Lines.

(ii) Mr. B. Chinnaswami Setti assisted by Mr. B. R. Veeranagappa, for the Second (Balepet) Division.

(iii) Mr. B. K. Garuda Char assisted by Messrs. K. S. Krishna Iyer, P. M. Basappa and M. Ramachandra Rao Sindhe, for the Third (Manavarthpet) Division, with its population of about 25,000.

(iv) Reverends D. A. Rees, G. Wilkins and E. S. Edwards assisted by the boy scouts, for the Fourth (Cubbonpet) Division.

(v) Messrs. B. V. Ramaswami Chetty and B. Usman Khan for the Fifth (Nagarthpet) Division.

(vi) Mr. R. Gopalaswami Iyer assisted by the members of the Social Service League for Koracharpalya, Khalasipalya, Gangamacherry and Ammachowdripalya in the Sixth (Lal-Bagh) Division.

(vii) Father P. M. Briand assisted by the member of his parish, for the Pensioners' Lines, Sweepers' Lines and Goripalya near Mysore Road in the Seventh Division.

A map of the Bangalore City shewing the areas taken up by each party is herewith attached. Printed notices explaining the arrangements made and how assistance should be sought have been widely distributed in the City. Six copies are herein enclosed.

6. Necessary arrangements have been made for the supply of milk. On receipt of indents from relief parties the previous afternoon, conji will be prepared in the Government Anna Chattram under the supervision of responsible Municipal subordinates and will be ready for issue to the relief parties by

about 8.30 A.M. Relief parties make their own arrangements to get necessary supplies from the central issuing station. The quantity decided to be issued per head for the present is one pint for adults and half pint for children.

7. The Chief Officer has been strongly advised to use Thymol as a routine measure in all cases of Influenza by the Sanitary Commissioner, who, as Government may be aware, is a physician of no small repute. This is the active principle of Ajwan and being a well-known household remedy, will not lend itself to possible misunderstanding or misrepresentation. It was at first proposed to be issued in pill form, but owing to the impossibility of getting any chemist to take up the order of the several thousand pills for which there is an immediate demand, it has been decided to issue it in solution. A large quantity of one grain to 10 minims solution in rectified spirit is prepared, bottled in half ounce bottles and labelled. The dose for an adult is 5 minims thrice a day. Instructions are clearly printed on the label. The relief parties either issue entire bottles or small quantities according to the number of patients in each household. Six bottles of the medicine are forwarded to your address under separate postal parcel.

8. Relief measures commenced yesterday with the issue of conji to a large number of sick persons in the Sweepers' Lines and Goripalya near the Mysore Road, under the supervision of the Sanitary Inspector of the division. All relief parties were to start work this morning. During the inspection, I found that the first party had not yet made arrangements to commence the work ; but the Municipal authorities distributed nourishment in the Sweepers' Lines near the Platform Road. The second, third and fourth parties were at work. The fifth party did not work. The sixth party worked till a late hour. The seventh party had not started work, but the Municipal authorities issued nourishment to 80 persons in the Sweepers' Lines and Goripalya near the City Brick and Tile Works. I hope to be able to report the smooth and automatic working of all relief parties within the next 2 or 3 days.

ENCLOSURE 1.

Proceeding of a meeting of leading Municipal Councillors and citizens held in the Council Chamber, City Municipal Office, on Friday the 10th October 1918 at 3 p.m.

Mr. R. Subba Rao informed the meeting of the extent to which Influenza was prevailing in the several divisions and how there were something like 10,000 to 15,000 cases stricken with the illness in the City. The alarming increase of pneumonia cases and the steady rise in the daily mortality were also briefly alluded to. The communication addressed by the Honorary President to the Chief Secretary to Government, the Senior Surgeon to Government and the Sanitary Commissioner were read, as also the replies received thereto.

Mr. Subba Rao next proceeded to detail a scheme whereby an organized attempt could be made to supply nourishment and medicine free to the sick at their own homes, wherever the large number of persons ill in the same household precluded sufficient attention being paid to these matters. The outlines of the scheme are as follows :—

(1) Sub-dividing the several divisions of the city into blocks, the size of each block depending on the number of volunteers forthcoming to take up the work.

(2) Organization of relief parties to take charge of one or more blocks.

(3) The minimum number of persons necessary to form a relief party.

(4) How relief parties were to obtain information of illness in their blocks.

(5) The duties of relief parties.

(6) Nourishment, how and where to be prepared and issued to relief parties.

(7) How relief parties were to obtain supplies from the central issuing station.

(8) Quantity of nourishment to be issued per head.

(9) The issue of medicine.

(10) The compilation of statistics.

(For details see enclosed note drawn up by Mr. Subba Rao.)

Resolution.

The scheme is approved in its entirety. The Municipal Council may be requested to sanction sufficient funds for the working of the scheme.

The details of the scheme were further discussed and the following relief parties organized :—

(1) First or Palace Division (Old Sawar Lines and Sweepers' Lines)—Retired Risaldar Mr. Gulam Dastagir assisted by Mr. Mohammad Abbas Khan.

(2) Second or Balepet Division.—Mr. B. Chinnaswamy Setty assisted by Mr. B. R. Veeranagappa.

(NOTE.—Mr. Chinnaswamy Setty announced in the meeting his intention to defray the entire cost of successfully working the scheme in the Second Division paying Rs. 500 in advance to start relief measures at once.)

(3) Third or Manavarthpet Division.—Mr. B. K. Garuda Char assisted by Messrs. K. S. Krishna Iyer, P. M. Basappa and Ramachandra Rao Sindhe.

(4) Fourth or Cubbonpet Division.—Reverend D. A. Rees assisted by Reverend G. Wilkins, Reverend E. S. Edwards and the boy scouts of the Mission High Schools.

(5) Fifth or Nagarthpet Division.—Messrs. B. Usman Khan and B. V. Ramaswamy Chetty offered to bear the cost of and supervise all relief measures in the Fifth Division.

(6) Sixth or Lal-Bagh Division.—Mr. R. Gopalaswami Iyer assisted by the members of the Social Service League offered to take up Koracharpalya, Khalasipalya, Gangamacherry and Ammachowdripalya.

(7) Seventh or Chamarajpet Division.—Father P. M. Briand assisted by the members of his parish offered to take up all the area to the west of Sultan Road, including Goripalya and the Sweepers' Lines.

Relief work was to start on the 11th morning with the issue of 20 seers of conji at the Sweepers' Lines. All relief parties were to start work on the 12th morning with a supply of 20 seers of conji each and 100 packets of medicine (Thymol pills).

The meeting dispersed at 5 P.M., Mr. R. Subba Rao thanking the gentlemen present for so kindly responding to the invitation.

ENCLOSURE 2.

Scheme in detail.

Blocks.

The several divisions of the City will be divided into blocks, the size of each block depending upon the number of volunteers available for work in the locality. Each block will be in charge of one relief party, the minimum number of members of each party being one Superintendent, one assistant and one menial to carry nourishment. In large blocks a bullock gharry may be employed to transport conji.

Relief parties and information.

2. The relief parties will work on information furnished by Municipal Councillors, Sanitary Inspectors, Conservancy Overseers, Medical Practitioners, Sub-Registrars of Births and Deaths, other residents of the locality and, after a couple of days working, personal knowledge of the condition in the several households of the block.

3. The relief party will patrol the block in its charge and distribute medicine and nourishment free to all deserving cases that come to its notice. It may also be possible to issue warm clothing to the sick to a limited extent. The relief party will endeavour to secure the removal of pneumonia cases to the new block of buildings near the Infectious Diseases Hospital, where the Senior Surgeon is making special arrangements for their treatment. Usually the relief party will start work in some central situation in the block (to be fixed after inspection) whereto shall come all persons who want nourishment or medicine to their relatives. It is only in the instance of most or all persons in a household being ill that house-to-house distribution need be resorted to. The Sanitary Inspector, Conservancy Overseer, Sub-Registrar or some other official of the Public Health Department shall assist the relief parties as far as possible, during the distribution. Indiscriminate issue of expensive food should be avoided and the relief party should by enquiry make sure that their charity is not wasted.

Duties of relief parties.

4. Conji will be prepared in the Government Anna Chattram by a special staff under the supervision of Hari Rao and Vasudeva Rao alternately. Sooji will be fried and boiled in water; an equal quantity of milk will be added; Sugar to taste and appropriate quantities of powdered cardamoms and saffron will be put in. Conji will be ready for issue to the relief parties by 9 A.M.

Conji where and how cooked.

5. Relief parties will send men or carts with utensils to the issuing station and, as far as possible, quantities of conji as per indent of the previous day will be issued. In the absence of utensils, pots of appropriate size may be used. Sufficient number of pots will be stored at and new ones issued from the Chattram every day. The relief parties will start distributing conji in their blocks at not later than 9-30 A.M. It is not likely that the distribution will take longer than one hour. After the morning's work is complete each Superintendent will send an indent to the parpathegar of the Chattram with regard to his requirements for the next day. Such indent should not be sent later than 11 A.M. to ensure the necessary supply of milk being forthcoming. The quantity to be issued will, for the present, be fixed at 1 pint or 20 ounces per adult and half the quantity for children. An endeavour will be made for the issue of milk to very young children; but this can only be done to a very limited extent.

Conji to be indented for the previous day.

Quantity per head.

6. Paper packets each containing one day's supply of medicine will be supplied to Superintendents of relief parties. The packet will also contain a leaflet containing simple directions to minimise the havoc of Influenza.

Medicine.

7. Note books will be issued to the relief parties wherein the name of each patient, age and quantity of nourishment and medicine issued day by day should be entered.

Statistics to be kept.

ENCLOSURE 3.

Bangalore City Municipality.

INFLUENZA.

This illness which prevailed in the City about two months ago has again appeared in our midst in a severe form. It has apparently been conveyed from Bombay.

The disease is highly infectious and spreads by means of a minute organism, which abounds in the breath and mucus of patients and also in the atmosphere of sick rooms.

Its attack is usually sudden, characterised by severe headache, great weakness and pain in the back and limbs. Severe cold in the head is frequent: cough and sore throat are common.

After about five days fever, the illness subsides in the absence of complications, leaving the patient weak. The present epidemic is characterised by the tendency to involve lung complications. Bronchitis and Pneumonia are dangerous complications, the former when affecting children and the latter in every case. Considerable coughing or stabbing, shooting or burning pain in the chest, or spitting of blood-stained mucus are indications that the disease is taking a graver turn.

PREVENTION AND TREATMENT.

The chances of attack may, to some extent, be minimised by separating the sick from the healthy and forbidding the congregation of the entire family in the sick room. It is a good thing to tie a clean handkerchief on which a tea spoonful of Eucalyptus oil is sprinkled, across the nose and mouth, when entering the sick room. To a certain extent, this filters the polluted air of the room entering the visitor's air passages. Complications can be minimised by FREE ADMISSION OF FRESH AIR, night and day, into the sick room. Chill should be avoided by warm clothing, particularly when the skin is perspiring. The patient's strength should be conserved by strict confinement to bed and careful feeding with frequent but small quantities of broth, milk and conji. Solid food does harm till the fever goes down. Aerated waters and oranges are not contra-indicated.

Medicinal treatment can, of course, be secured in all the hospitals and dispensaries throughout the City. This leaflet merely contains directions applicable to all cases of fever now prevailing in the City.

ENCLOSURE 4.

ಪ್ರಕಟನೆ.

ಈ ತಿಂಗಳ 10ನೆಯ ತಾರೀಖಿನ ಮಧ್ಯಾನ್ಹ ಸಿಟಿ ಮುನಿಸಿಪಲ್ ಆಫೀಸಿನಲ್ಲಿ ಬಂದು ಸಭೆ ಸೇರಿತ್ತು. ಅನೇಕ ಮನೆಗಳಲ್ಲಿ, ಮನೆಯವರೆಲ್ಲರೂ ಇನ್‌ಫ್ಲುಯಂಜಾದಿಂದ ಮಲಗಿ, ರೋಗಿಗಳಿಗೆ ಆಹಾರ ಮಾಡಿ ಹಾಕುವರಿಲ್ಲದೆ ಔಷಧ ತರುವವರಿಲ್ಲದೆ ಕಷ್ಟಪಡುವ ಸಂದರ್ಭಗಳನ್ನು ಚರ್ಚಿಸಲಾಯಿತು. ಮುನಿಸಿಪಲ್ ಕೌನ್ಸಿಲರ್ ಮೆ. ಬಿ. ಚಿನ್ನಸ್ವಾಮಿ ಕೆಟ್ಟರವರು ಬಳೇಪೇಟೆ ಡಿವಿಜ್‌ನಲ್ಲಿ ಆಹಾರ ಔಷಧಗಳನ್ನು ಮನೆಗಳಿಗೆ ಕೊಡುವುದಕ್ಕೆ ಆಗುವ ಖರ್ಚನ್ನೆಲ್ಲಾ ವಹಿಸುವುದಾಗಿಯೂ, ಸದ್ಯಕ್ಕೆ 500 ರೂಪಾಯಿಗಳನ್ನು ಕೊಡುವುದಾಗಿಯೂ ಸೂಚಿಸಿದರು. ನಗರ್ತರ ಪೇಟೆಯಲ್ಲಿ ಇದೇ ರೀತಿ ತಮ್ಮ ಖರ್ಚಿನಿಂದಲೇ ಗಂಜಿ ಮಾಡಿಸಿ, ಔಷಧ ತರಿಸಿ, ಮನೆ ಮನೆಗೆ ಕೊಡುವುದೆಂದು ಮೆ॥ ಬಿ. ವಿ. ರಾಮಸ್ವಾಮಿ ಕೆಟ್ಟರೂ, ಮೆ॥ ಬಿ. ಉಸ್ಮಾನ್‌ಖಾನ್‌ಸಾಹೇಬರೂ ತೀರ್ಮಾನಿಸಿರುತ್ತಾರೆ. 12ನೇ ತಾರೀಖಿನ ಬೆಳಗಿನಿಂದ ಈ ಕೆಳಗೆ ನಮೂದಿಸಿರುವ ದೊಡ್ಡ ಮನುಷ್ಯರು ಆಯಾ ಡಿವಿಜ್‌ನಲ್ಲಿ ಆಹಾರ ಔಷಧಗಳನ್ನು ಕೊಡಲು ಪ್ರಾರಂಭಿಸುತ್ತಾರೆ. ಇಷ್ಟವುಳ್ಳವರು ಇವರುಗಳಿಗಾಗಲಿ ಅಥವಾ ಆಯಾ ಡಿವಿಜ್ ಮುನಿಸಿಪಲ್ ಕೌನ್ಸಿಲರುಗಳಿಗಾಗಲಿ ಅಥವಾ ಸ್ಯಾನಿಟರಿ ಇನ್‌ಸ್ಪೆಕ್ಟರ್, ಓವರ್‌ಸೀಯರ್, ಜನನ ಮರಣ ರಿಜಿಸ್ಟ್ರಾರ್‌ಗಳಿಗಾಗಲಿ, ತಮಗೆ ಈ ವಿಧದಲ್ಲಿ ಬೇಕಾಗುವ ಸಹಾಯವನ್ನು ತಿಳಿಸಬೇಕೆಂದು ಕೋರಿಕೆ.

ಈ ಕೆಲಸಕ್ಕೆ ದ್ರವ್ಯೈಸಹಾಯ ಜನಸಹಾಯ ಬೇಕಾಗುವುದರಿಂದ, ಧರ್ಮ ಮಾಡಲಪೇಕ್ಷೆಯುಳ್ಳವರು ಸಿಟಿ ಮುನಿಸಿಪಲ್ ಕೌನ್ಸಿಲ್ ಚೀಫ್ ಆಫೀಸರ್ ಮೆ॥ ಆರ್. ಸುಬ್ಬರಾಯರಿಗೆ ತಮ್ಮ ಇರಾದೆಯನ್ನು ತಿಳಿಸ ಬಹುದಾಗಿರುತ್ತೆ.

1ನೇ ಡಿವಿಜ್ — (ಹಳೇಸವಾರ್‌ಲೈನ್) ಮೆ॥ ರಿಸಾಲ್‌ದಾರ್ ಗುಲಾಂದಸ್ತಗೀರ್ ಸಾಹೇಬರು.

2ನೇ ಡಿವಿಜ್ — ಮೆ॥ ಬಿ. ಚಿನ್ನಸ್ವಾಮಿ ಕೆಟ್ಟರವರು; ಮೆ॥ ಬಿ. ಆರ್. ವೀರನಾಗಪ್ಪನವರು.

3ನೇ ಡಿವಿಜ್ — ಮೆ॥ ಬಿ. ಕೆ. ಗರುಡಾಚಾರ್ರವರು, ಮೆ॥ ಪಿ. ಯಂ. ಬಸಪ್ಪನವರು, ಮೆ॥ ಕೆ. ಎಸ್. ಕೃಷ್ಣಯ್ಯರವರು, ಮೆ॥ ರಾಮಚಂದ್ರರಾವ್ ಸಿಂಧೆಯವರು.

4ನೇ ಡಿವಿಜ್ — ಮೆ॥ ರೀಸ್ ಸಾಹೇಬರವರು, ಮೆ॥ ವಿಲ್ಕ್ಸ್ ಸಾಹೇಬರವರು, ಮೆ॥ ಎಡ್ವರ್ಡ್ಸ್ ಸಾಹೇಬರವರು.

5ನೇ ಡಿವಿಜ್ — ಮೆ॥ ಬಿ. ವಿ. ರಾಮಸ್ವಾಮಿ ಕೆಟ್ಟರವರು, ಮೆ॥ ಬಿ. ಉಸ್ಮಾನ್‌ಖಾನ್ ಸಾಹೇಬರವರು.

6ನೇ ಡಿವಿಜ್ — ಮೆ॥ ಆರ್. ಗೋಪಾಲಸ್ವಾಮಿ ಐಯ್ಯರವರು.

7ನೇ ಡಿವಿಜ್ — ಮೆ॥ ಬ್ರಯಾಂಡ್ ಸಾಹೇಬರವರು.

GBPM—250—16-10-18